

ABIT AX5

586/686 Processor Based AX5 Mainboard



Socket 7

- Supports 55, 60, 66, **75** MHz CPU external clock speeds
- Supports 100-200 MHz Pentium® processors and Pentium® processors with MMX™ technology
- Supports AMD-K5™ PR100~PR166 processors
- Supports Cyrix 6x86™ PR120+~PR166+ processors

Employs **switching type regulator** to stabilize CPU operation

Four 72-pin SIMM sockets

• SIMM sockets support EDO and FP DRAM

Three 168-pin DIMM sockets for **3.3V unbuffered** DRAM modules

• DIMM sockets support **Synchronous**, EDO and FP DRAM

Two floppy disk drive connectors support up to 2.88MB

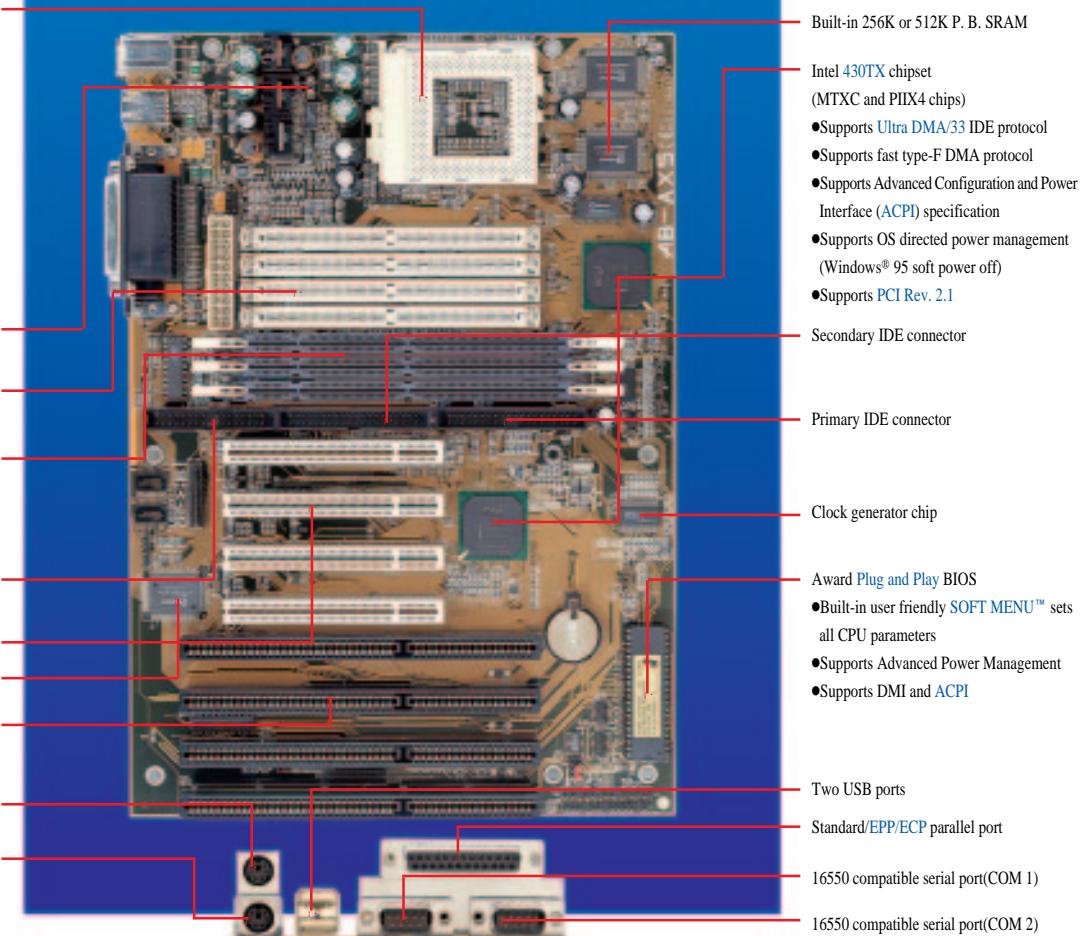
Four PCI slots

Super I/O chip

Four ISA slots

PS/2 mouse port

PS/2 keyboard port



Side view of ports



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AX5 586/686 Processor Based ATX Mainboard

With CPU SOFT MENU™ Technology

Based on Intel's [430 TX](#) chipset, the AX5 is uniquely designed for file servers, workstations and professional users. The AX5 provides an abundant supply of main memory, an IDE interface, and high performance PCI Rev. 2.1. A combination of [three 168-pin DIMM](#) and four 72-pin SIMM sockets fulfills the memory hungry requirement of high-end computing environments. The 168-pin DIMM sockets support [Synchronous](#), FP, and EDO DRAM. The AX5 also implements [SOFT MENU™](#), a leading technology that eliminates all jumpers on the mainboard that set CPU parameters. With SOFT MENU™ end-users are able to use software to easily and correctly install their own CPU, enabling them to upgrade to a Pentium® processor with MMX™ technology, AMD-K6™ processor, or Cyrix M2™ processor.

Specifications:

* CPU

- No jumpers or DIP switches needed to set CPU parameters
- Employs [switching type regulator](#) to stabilize CPU operation
- Supports [55, 60, 66, 75](#) MHz CPU external clock speeds
- Supports 100-200 MHz Pentium® processors and Pentium® processors with MMX™ technology
- Supports AMD-K5™ PR100~PR166 processors
- Supports Cyrix 6x86™ PR120+~PR166+ processors
- Reserved circuitry for future processors

* Chipset

- Intel [430TX](#) chipset (MTXC and PII4 chips)
- Supports [Ultra DMA/33](#) IDE protocol
- Supports fast type-F DMA protocol
- Supports Advanced Configuration and Power Interface ([ACPI](#)) specification
- Supports OS directed power management (Windows® 95 soft power off)
- Supports [PCI Rev. 2.1](#)

* Memory(DRAM)

- [Three 168-pin DIMM](#) sockets for [3.3V unbuffered](#) DRAM modules
- DIMM sockets support [Synchronous](#), EDO and FP DRAM
- Four 72-pin SIMM sockets
- SIMM sockets support EDO and FP DRAM
- Supports 4MB to [256MB](#) memory sizes

* L2 Cache Memory

- Built-in 256K or 512K P. B. SRAM

* System BIOS

- Award [Plug and Play](#) BIOS supports APM, DMI, and ACPI
- Built-in user friendly [SOFT MENU™](#) sets all CPU parameters
- Supports Advanced Power Management
- Supports DMI and [ACPI](#)

* Multi I/O Functions

- Two floppy disk drive connectors support up to 2.88MB
- Two IDE channels[PIO mode 0~4 and Bus Master]
- Built-in Standard/[EPP/ECP](#) parallel port
- Two built-in 16550 compatible serial ports
- Built-in PS/2 mouse and keyboard ports
- Two built-in USB ports

* Miscellaneous

- Baby [ATX](#) form factor
- [Four ISA](#) slots and [four PCI](#) slots
- Supports keyboard Re-new fuse
- Supports NEC PC98 3-mode FDD format

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